VG2438Sm

24” 16:10 Multimedia Ergonomic Display with DisplayPort and 4 USB3.0

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Overview

ViewSonic’s VG2438Sm is a high performance multimedia display that features full-ergonomic functionality, including -5° to 37° tilt, 360° swivel, 90° pivot and 100mm height adjustments, to create the most comfortable desktop working environment. With 16:10 aspect ratio and 1920 x 1200 resolution, it offers a larger screen workspace to increase office productivity, while ViewSonic SuperClear® technology and 50M:1 dynamic contrast ratio deliver sharp, consistent and true on-screen colour performance. Dual 2W stereo speakers provide crystal-clear sound effects, while integrated DisplayPort, DVI and D-Sub inputs – and 4 USB 3.0 ports – support flexible connectivity with all your high-definition devices. Daily users will appreciate ViewSonic’s latest Flicker-free and Blue Light Filter eye-care technologies that reduce eye fatigue that comes with prolonged use. ENERGY STAR® certified and energy-efficient, the VG2438Sm LED display’s exclusive Eco-Mode reduces power consumption at all brightness levels, and minimizes maintenance effort and cost. Plus, ViewMode provides different image performance settings based on user scenario, including Web, Text and Movie modes, making this display the perfect choice for corporate, government, SMB and educational institutions.

See More, Work More with a 16:10 Aspect Ratio Display

With an enlarged 16:10 aspect ratio and 1920x1200 resolution, this display enhances productivity by providing additional vertical screen space for viewing office docs, graphic design work, web browsing, and online media.

Ergonomic Design for Comfort and Productivity

With advanced ergonomic features, ViewSonic displays are designed to provide a greater range of adjustment for increased productivity and comfort. Users can reduce eyestrain and physical fatigue by adjusting the monitor via 360-degree swivel, 90-degree pivot, -5 to 37-degree tilt, and 100mm height adjust options.

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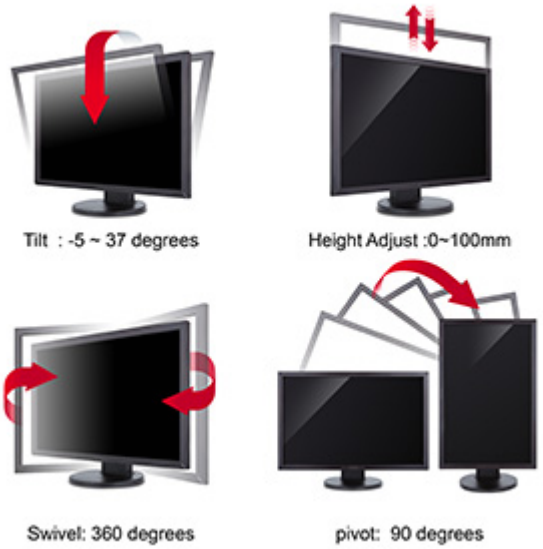

50M:1 MEGA Dynamic Contrast Ratio

Dynamic contrast ratio detects the brightness of an image, and automatically adjusts the backlight to maximize the monitor's colour range and contrast. Dynamic contrast ratio technology enables the accurate reproduction of images, producing vibrant and rich visual effects.

ViewSonic Flicker-Free Viewing for Improved Eye Comfort

ViewSonic flicker-free displays completely eliminate flickers and deliver on the promise of more comfortable viewing. This lets you work at your computer, play games, or watch movies longer – without eye fatigue.

Blue Light Filter for More Comfortable Viewing

Prolonged exposure to certain levels of blue light can cause eye discomfort. ViewSonic displays feature a Blue Light Filter setting that allows users to adjust the amount of blue light emitted from the screen, maintain a good colour balance and reduce eye

ViewMode Settings for Digital Content

Enjoy excellent performance and accurate colour rendering for everything you view on this display. With 5 different scenario presets, ViewSonic displays offer best-in-class calibration techniques to bring you the best digital viewing experience for Gaming,

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discomfort for work and multimedia applications.

Movie, Web browsing, Reading, and Grey scale applications.

Dual Integrated Stereo Speakers

2 WATT × 2

The ViewSonic VG2438Sm has two integrated 2W stereo speakers for enhanced multimedia performance with crystal-clear stereo sound.

Planet-Friendly Mercury-Free LED Backlighting

LED backlighting enhances display performance, delivers an outstanding color range, and adjusts contrast ratios for remarkably detailed images. ViewSonic's eco-friendly, mercury-free LED backlighting further conserves up to 25%* more energy when compared to conventional displays. In addition, LED backlighting provides for a slim, lightweight profile that saves desktop space.

Eco-Mode Conserves More Energy

ViewSonic's proprietary Eco-mode feature is built into all LED displays, offering options to select "Optimize(75%)" or "Conserve (50%)" settings that

VESA-Mountable

The ViewSonic VG2438Sm features a 100 x 100mm VESA-mountable design that allows you to mount the display on a monitor stand or on a wall,

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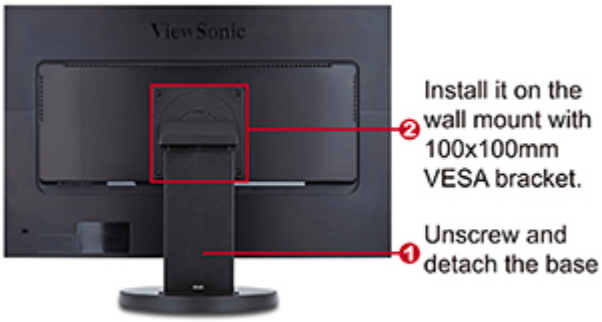
save up to 25% power. Especially in low ambient light, Eco-mode adjusts brightness and improves visibility, while reducing eye fatigue and prolonging the display's lamp life. With Eco-mode, both lamp replacement and energy expenditures are reduced.

depending on your specific needs. You can easily unscrew the base, and then mount the display on its new stand or wall mount.



SuperClear® Image Enhancement Technology with Wide Viewing Angles

SuperClear® Image Enhancement Technology delivers the best color performance and extends display viewing angles to 178 degrees both horizontally and vertically. Experience accurate and vivid colours with consistent levels of brightness whether looking at the screen from above, below, the front, or the side—with no colour distortion or decay.

Versatile Connectivity with DisplayPort and USB

The latest standard for rapid transmission of data, DisplayPort future-proofs the VG2438Sm and delivers the best refresh rate, highest resolution, and incredibly rich colours. The VG2438Sm also offers VGA and DVI connections to support even more flexibility for both digital and analog media sources. It's easy and convenient to connect additional peripherals or accessories with the integrated 4-port USB 3.0 hub.

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Technical Specifications

LCD	Type	24" Wide Color a-Si TFT Active Matrix LCD (ADS)
	Display Area	518.4(H) X 324 (V)mm
	Optimum Resolution	1920 x 1200
	Contrast Ratio	1000:1 (typ)
	Brightness	250 cd/m2
	Viewing Angles	178°/178°
	Response Time	5 ms (typ)
	Panel Surface	Anti-Glare type, Hardness 3H
	Colour Support	16.7M
	Dynamic Contrast Ratio	50M:1
	Backlight	WLED light bar
	Backlight Life	30,000 Hrs (Min)
INPUT SIGNAL	Frequency	Fh = 30 ~80 kHz ; Fv = 50 ~75 Hz
	Analogue	RGB Analog (75 ohms, 0.7 / 1.0 Vp-p)
	Digital	DVI (TMDS, 100 ohms) / Display Port (PCI-E)
	Sync	Separate Sync Composite Sync Sync on Green
COMPATIBILITY	PC	PC Compatibles VGA up to 1920x1200 Non Interlaced
	Mac®	Power Mac up to 1920x1200
CONNECTOR	Video	D-Sub x1, DVI-D x1, DisplayPort x1
	Audio Input	3.5mm plug x1
	Power	Internal Power Board , 3-pin plug (CEE22) x1
	USB	USB 3.0 x4
	Speaker	2Wx2
ERGONOMICS	Tilt	37˚ ~ -5˚
	Swivel	360˚
	Height Adjustment	0-100mm
	Rotation	90˚
CONTROLS	Front Panel	[1],[Dn] [Up], [2], [PW]
	OSD Setting	Auto Image Adjust Contrast/Brightness Input Select D-SUB,DVI, Audio Adjust Volume, mute, Audio input Color Adjust sRGB, BLUISH, COOL, NATIVE, WARM, User Color [R, G, B] Information Manual Image Adjust H/V Position, Horizontal Size, Fine Tune, Sharpness, Dynamic Contrast, Aspect ratio, OVERSCAN, Eco mode,ViewMode,Blue Light Filter Setup Menu Language Select, Resolution Notice, OSD Position, OSD Time out, OSD Background, Auto Power Off, Power Indicator, SLEEP Memory Recall [1] : Main Menu [2] : Input Select [Up] : To immediately ViewMode [Dn] : To immediately Blue light filter [Up] + [Dn] : 1. In the CR/BT menu, Recall

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		Contrast or Brightness to default in its menu without OSD message 2. In the Audio mode, recall both of Volume and Mute to default without OSD message.(Under Volume adjust submenu,recall Volume to default without OSD message.) 3. While OSD menu off, recall Contrast & Brightness to default without OSD message. 4. After DCR on, CR/ BT is disabled, therefore, no action for CR/BT. [1] + [2] : Timing toggle, refer to section [1] + [Up] + [Dn] : Auto White Balance [1] + [Dn] : Power Lock [1] + [Up] : OSD Lock [2] + [▲]: Logo Boot Up Screen On/Off [2] + [▼]: Toggle DDC/CI and DDC/2B
POWER	Voltage	AC 100-240V (Universal); 50/60 Hz
	Consumption	30W (typ)
	Optimize	22W (typ)
	Conserve	17.5W (typ)
OPERATING CONDITIONS	Temperature	32°F to 104°F (0°C to 40°C)
	Humidity	10% to 90% (no condensation)
DIMENSIONS	Physical With Stand	21.92" x 15.50" x 8.04" 556.8 x 393.6 x 204.3mm
	Physical Without Stand	20.92" x 14.29" x 2.03" 556.8 x 363.0 x 51.5mm
	Packaging	23.78" x 16.54" x 6.22" 604 x 420 x 158mm
WEIGHT	Gross	16.23 lbs / 7.36 kg
	Net With Stand	12.65 lbs / 5.74 kg
	Net Without Stand	9.17 lbs / 4.16 kg
REGULATIONS		CU, UkrSEPRO + DoC,Erp, REACH SVHC List & DoC,TCO, GS, Ergo
PACKAGE CONTENTS		LCD Display Power Cable VGA Cable DVI cable DP cable USB cable Audio Cable Quick Start Guide ViewSonic Wizard CD-ROM *Actual content may differ from market to market
VESA® MOUNT		100 x 100 mm
RECYCLE/DISPOSAL		Please dispose of in accordance with local, state or federal laws
WARRANTY		*Warranty offered may differ from market to market

ViewSonic® Limited Warranty

ViewSonic provides customers with the security of a manufacturers warranty against defected products. The type and duration of the applicable warranty service varies by product type, country of purchase and can also vary on an individual basis according to customer requirements agreed at time of purchase. The warranty will expire after the end of the warranty period.

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